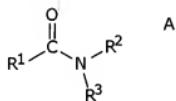


Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) A process for the manufacture of a gas diffusion electrode comprising the steps of
 - a) application of applying a catalyst ink to a gas diffusion substrate to form a catalysed gas diffusion substrate;
 - b) firing the catalysed gas diffusion substrate to form a fired, catalysed gas diffusion electrode;
 - c) application of applying a proton-conducting polymer solution to the fired, catalysed gas diffusion electrode; and
 - d) drying;

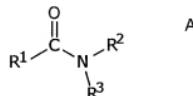
characterised in that wherein the proton-conducting polymer solution comprises a proton-conducting polymer and one or more solvents selected from the group of solvents with structure A



wherein R¹, R² and R³ are independently chosen from H, methyl, ethyl, n-propyl and iso-propyl.

2. (Currently Amended) A process according to claim 1, wherein the proton-conducting polymer solution comprises one or more solvents comprises N,N-dimethylacetamide.
3. (Currently Amended) A process according to claim 1 or claim 2, wherein the catalyst ink comprises an electrocatalyst[[,]] and a solvent, optionally one or more binders and optionally one or more rheology modifiers.

4. (Original) A process according to claim 3, wherein the electrocatalyst is an unsupported metal catalyst.
5. (Original) A process according to claim 3, wherein the electrocatalyst is a supported metal catalyst.
6. (Currently Amended) A process according to any preceding claim_1, wherein the catalyst ink comprises a PTFE binder.
7. (Currently Amended) A process according to any preceding claim_1, wherein the proton-conducting polymer solution-comprises a perfluorinated polymer.
8. (Currently Amended) A process for the manufacture of a membrane electrode assembly comprising the steps of
 - a) application-of-applying a catalyst ink to a gas diffusion substrate to form a catalysed gas diffusion electrode substrate;
 - b) firing the catalysed gas diffusion substrate to form a fired, catalysed gas diffusion electrode;
 - c) application-of-applying a proton-conducting polymer solution to the fired, catalysed gas diffusion electrode to form a gas diffusion electrode; and
 - d) optionally-drying-the-gas-diffusion-electrode; and
 - e) ——combining the gas diffusion electrode with a proton conducting polymer membrane
characterised in that wherein the proton-conducting polymer solution contains-comprises a proton-conducting polymer and one or more solvents selected from the group of solvents with structure A



wherein R¹, R² and R³ are independently chosen from H, methyl, ethyl, n-propyl and iso-propyl.

9. (Currently Amended) A process according to claim 8 wherein, the proton-conducting polymer solution comprises one or more solvents comprises N,N-dimethylacetamide.
10. (Currently Amended) A process according to claim 8-er-claim-9, wherein the catalyst ink comprises an electrocatalyst[[,] and_a solvent,-optionally-one-or-more-binders-and optionally-one-or-more-rheology-modifiers.
11. (Original) A process according to claim 10, wherein the electrocatalyst is an unsupported metal catalyst.
12. (Original) A process according to claim 10, wherein the electrocatalyst is a supported metal catalyst.
13. (Currently Amended) A process according to ~~any one of claims 8 to 12~~ claim 8, wherein the catalyst ink comprises a PTFE binder.
14. (Currently Amended) A process according to ~~any one of claims 8 to 13~~ claim 8, wherein the proton-conducting polymer solution comprises a perfluorinated polymer.
15. (New) A process according to claim 3, wherein the catalyst ink further comprises one or more binders.
16. (New) A process according to claim 3, wherein the catalyst ink further comprises one or more rheology modifiers.
17. (New) A process according to claim 15, wherein the catalyst ink further comprises one or more rheology modifiers.
18. (New) A process according to claim 8 further comprising, between steps c) and d), drying the gas diffusion electrode.
19. (New) A process according to claim 8, wherein the catalyst ink further comprises one or more binders.

20. (New) A process according to claim 8, wherein the catalyst ink further comprises one or more rheology modifiers.
21. (New) A process according to claim 20, wherein the catalyst ink further comprises one or more rheology modifiers.